

79-2-14/64

Substituted Imido- and Monoarylsulfamides

and diarylsulfamides, however, is not large. This is easy to understand, as on the influence of amines upon sulfamide the imidosulfamide must also be produced beside the formation of substituted sulfamides. This imidosulfamide practically represents the only reaction product in the interaction of the sulfamide with tertiary amines (reference 2). Besides the already formed N-arylsulfamide on heating and under the influence of an amine excess may yield the corresponding 1,5-diarylimidosulfamide. At present it is impossible to find out whether the N-arylsulfamides are formed directly from the amines and the sulfamide according to the summary scheme (IV) or only as products of the hydrolysis of the 1,5-diarylsulfamide being in the reaction mixture, according to scheme (III). There are 1 table, and 7 references, 3 of which are Slavic.

ASSOCIATION: Institute for Metallurgy, Dnepropetrovsk  
(Dnepropetrovskiy metallurgicheskiy institut)

SUBMITTED: January 17, 1957

AVAILABLE: Library of Congress

Card 3/3

POLIVODA, A.I., ZOLOTOVA, A.A.

Studying the electric conductivity of liver and spleen homogenates  
in radiation injury. Biofizika 3 no.3:320-324 '58 (MIRA 11:6)  
(RADIATION-PHYSIOLOGICAL EFFECT)  
(ELECTRIC CONDUCTIVITY)  
(LIVER)  
(SPLEEN)

POLIVODA, A.I.; ZOLOTOVA, A.A.

Electron microscope studies of liver and spleen homogenates  
in animals exposed to external irradiation. Med.rad. 4  
no.9:39-45 S '59. (NIRIA 12:11)

(LIVER radiation eff)  
(SPLKEM radiation eff)  
(MICROSCOPY ELECTRON)

ZOLOTOVA, A.I.

Studies on the effect of ultrasonics on certain food products  
of vegetable origin. Zhur. ob. biol. 20 no.2:81-84 Mr-Ap '59.  
(KIRA 12:5)

1. Iz otdela pishchevoy tekhnologii (zav. - kand.tekhn.nauk  
S.M.Bessonov) Instituta pitaniya AMN SSSR, Moskva.  
(ULTRASONICS, effects,  
on vegetables (Rus))  
(VEGETABLES,  
eff. of ultrasonics (Rus))

ZOLOTOVA, A.I.

45

PHASE I BOOK EXPLOITATION SOV/5644

Vseroasiyskaya konferentsiya professorov i prepodavateley pedagogicheskikh  
institutov

Primeneniye ul'trakustiki k issledovaniyu veshchestva. vyp. 10. (Utilization  
of Ultrasonics for the Investigation of Materials. no. 10) Moscow, Izd-vo  
MOFI, 1960. 321 p. 1000 copies printed.

Eds.: V. F. Nozdrev, Professor, and B. B. Kudryavtsev, Professor.

PURPOSE: This book is intended for physicists and engineers interested in  
ultrasonic engineering.

COVERAGE: The collection of articles reviews present-day research in the  
application of ultrasound in medicine, chemistry, physics, metallurgy, ce-  
ramics, petroleum and mining engineering, defectoscopy, and other fields.  
No personalities are mentioned. References accompany individual articles.

Card 140

Utilization of Ultrasonics (Cont.)

SOV/5644

Zolotova, A. I. [In-t pishchevoy tekhnologii AMN SSR -  
Institute of Foods Technology AMS USSR]. Study of the  
Effect of Ultrasonic Waves on Some Food Products of  
Plant Origin

207

Mikhaylov, I. G., L. I. Savina, and G. N. Feofanov [Leningr.  
gos. in-t - Leningrad State University]. The Problem of  
Ultrasonic-Wave Absorption in Ethyl Acetate

215

Glinskiy, A. A. [MOPI im. Krupskoy - Moscow Oblast Poly-  
technical Institute imeni Krupskaya]. The Width of First-  
Order Spectra Arising During the Diffraction of Light in  
Damping Ultrasonic Waves of Low Intensity

235

Adkhamov, A. A. [Tadzhiksk. gos. in-t - Tadzhik State  
University]. The Dispersion of Sound in Liquids

243

Card 8/10

LOBANOV, D.I., doktor tekhn. nauk; BRENTS, M.Ya.; ZOLOTOVA, A.I.;  
BALASHOVA, V.K., inzh.; VOL'VOVSKAYA, Ye.A., inzh.; GENING, L.W.,  
inzh.; POLYAKOVA, L.I., inzh.

Vitaminization of mayonnaise by means of vitamin A acetate.  
Masl.-shir. prom. 29 no.5:40-41 My '63. (MIRA 16:7)

1. Institut pitaniya AMN SSSR (for Lobanov, Brents, Zolotova).
2. Moskovskiy margarinovyy zavod (for Balashova, Vol'vovskaya, Gening, Polyakova).  
(Vitamins) (Salad dressing)

BELOUSOV, D.P., inzh.; SABUROV, N.V., prof.; SHIROKOV, Ye.P., kand. sel'khoz. nauk; MOSHKOVICH, I.K., agronom; UL'YANOV, A.P., agronom; KRASNOKUTSKAYA, S.V., kand. sel'khoz. nauk; ZOLOTAVA, A.I.; KALININA, N.N.; DAVIDOVA, R.B., prof.; KURKO, V.I., kand. tekhn. nauk; KLEYMENOV, I.Ya.; VOROB'YEVA, A.A.; DEMEZER, A.A.; ROSSOSHANSKAYA, V.A., red.; BALLOD, A.I., tekhn. red.

[Home canning and processing of agricultural products] Konser-virovanie i pererabotka sel'skokhoziaistvennykh produktov v domashnikh usloviakh. [By] D.P. Belousov. Moskva, Sel'khoz-izdat, 1963. 406 p. (MIRA 16:10)

(Canning and preserving) (Cookery)

ZOLOTOVA, A.I.

Conference on electric methods of treating food products.  
Vop. pit. 18 no.4:93-94 Jl-Ag '59. (MIRA 12:10)  
(FOOD--PRESERVATION)

ZOLOTOVA, A. I.

"The Effect of Ultrasound on Foodstuffs."

report presented at the 6th Sci. Conference on the Application of Ultrasound in the investigation of Matter, 3-7 Feb 1958, organized by Min. Education RSFSR and Moscow Oblast Pedagogic Inst. im N. K. Krupskaya.

ZOLOTOVA, A.I.

Conversion of carotene to fat when carrots are heated [with summary in English]. Vop. pit. 17 no.3:25-29 My-Je '58.

(MIRA 11:6)

1. Iz otdela pishchevoy tekhnologii (zav. - kandidat tekhnicheskikh nauk S.M.Bessonova) Instituta pitaniya ANN SSSR, Moskva.

(CAROTENE,

conversion to fat during heating of carrot (Rus))

(FAT,

conversion of carotene to fat during heating of carrot (Rus))

(VEGETABLES,

carrot, heating inducing conversion of carotene to fat (Rus))

ZOLOTOVA, A.S.

GONCHAROV, I.Ye., kand. vet. nauk, dota.; DANILLOVA, V.M., vetvrazh; ZOLOTOVA,  
A.S., vetvrazh.

Use of vitamin B<sub>12</sub> in anemia developing from theileriasis in cattle  
[with summary in English]. Veterinariia 35 no.3:34-38 Mr '58.

(MIRA 11:3)

1. Dagestanskiy sel'skokhozyaystvennyy institut.  
(Vitamins--B) (Anemia) (Theileriasis)

ZOLOTOVA, A.P.

Sarcoidosis-Besnier-Boehm-Sehazmann's disease; a survey of the literature. Sov.med. 26 no.7:87-92 J1 '62. (MIRA 15:11)

1. Iz gospital'noy terapevticheskoy kliniki pediatricheskogo fadul'teta (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent Ye.V.Kasatkin) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

(GRANULOMA BENIGNUM)

USSR / Diseases of Farm Animals. Diseases Caused by Protozoa. R

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 101350

Authors : Goncharov, I. Ye.; Danilova, V. M.; Zolotova, A. S.

Inst : Not given

Title : Using Vitamin B<sub>12</sub> for Treating Anemia Caused by Theile-  
riasis in Cattle.

Orig Pub : Veterinariya, 1958, No. 3, 34-38

Abstract : In experimentally treating 10 cows, vitamin B<sub>12</sub> concentra-  
tes containing 80 γ of active substances per 1 ml. of con-  
centrate were used. The preparation was subcutaneously  
injected into cows weighing 250 to 350 kilograms in 1 -  
1.5 ml. doses in 4 - 5 ml. of water per each injection.  
The treatment proved successful, as was demonstrated by  
the resulting increase of the hemoglobin content in ery-  
throcytes, by normalization of hemogenic processes, and,

Card 1/2

USSR / Diseases of Farm Animals. Diseases Caused by Protozoa. R

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 101350

finally, by the recovery of the animals. Administration of vitamin B<sub>12</sub> during the initial stages of the disease did not prevent the development of anaemia. -- A. D. Musin.

Card 2/2

14

DOIMANOVA, I.F.; ZULOTOVA, G.A.; PESHKOVA, V.M.

Determination of nickel in the presence of cobalt by a catalytic reaction tiron - diphenylcarbazone - hydrogen peroxide. Vest. Mosk. un. Ser. 2 Khim. 19 no.2:50-53 Mr-Ap'64. (NIREA 17:6)

1. Kafedra analiticheskoy khimii Moskovskogo universiteta.

125630-66 EWT(m)/EXP(w)/T/EMP(t) DD/DJ

ACC NR: 2P6015646

4

SOURCE CODE: WR/0419746/0012970155/001

INVENTOR: Pavlovich, A. M.; Zolotova, L. D.; Garzanov, G. I.; Steiner, G. M.;  
Petyukina, Ye. I.; Shchegoleva, T. S.; Bartschhevskiy, S. B.; Karpov, Ievgenij T.

ORG: none

TITLE: Preparative method for antiwear additives<sup>11</sup> Class 23, No. 183223

SOURCE: Izobreteniya, promyshlennyye obraztsy, levaruyyye znaki, no. 9, 1966, 55

TOPIC TAGS: antiwear additive, monoolefin polymer, sulfuration

ABSTRACT: An Author Certificate has been issued for a preparative method of antiwear additives by sulfuration of monoolefin polymer at 140-160°C.

SUB CODE: 11 STEM DATE: 16/11/64 ATC PRESS: 4255

Card 1/1

2

ZOLOTOVA, I.G.

Repeated use of lead plates in determining corrosiveness of the  
TSIATIM-339 additive. Proizv. smaz. mat. no.2:16-18 '56. (MIRA 10:11)

1. Molotovskiy neftemaslovavod.  
(Corrosion and anticorrosives) (Lead)

VARGIN, V.V., doktor tekhn.nauk, prof.; ZOLOTOVA, I.N.

Alkali-resistant enamels. Stek. i ker. 19 no.2:23-26 F '62.  
(MIRA 15:3)  
(Enamel and enameling)

GRACHEVA, O.S.; ZOLOTOVA, I.V.

Characteristics of certain tin ore deposits in the central Kolyma  
Valley. Zap. Vses. min. ob-va 88 no. 3:275-285 '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut,  
Leningrad. 2. Deystvitel'nyy chlen Vsesoyuznogo mineralogicheskogo  
obshchestva (for Gracheva).  
(Kolyma Valley--Tin ores)

*Zolotova, K. V.*

KAPNIK, G.M., kandidat meditsinskikh nauk; ZOLOTOVA, K.V..

Organization of care for convalescents following acute dysentery  
and their sanitary supervision. Sov.zdrav. 16 no.4:43-48 Ap '57.  
(MIRA 10:8)

1. Iz Infektsionnoy gorodskoy klinicheskoy bol'nitsy No.1 i  
poliklinicheskogo otdeleniya Gorodskoy bol'nitsy No.33 imeni

A.A.Ostrovskogo (Moskva)

(DYSENTERY, BACILLARY,

convalescence, care (Rus))

(CONVALESCENCE,

in bacillary dysentery, care (Rus))

MIKHLIN, S. Ya.; NESTERIN, M. F.; ZOLOTOVA, K. V.

Problem of residual modifications of intestinal function in dysentery.  
Sov. med. 19 no.11:19-23 N '55 (MLRA 9:1)

1. Iz laboratorii fiziologii pishchevareniya (zav.-prof. G. K. Shlygin)  
Instituta pitaniya Akademii meditsinskikh nauk SSSR i kabineta  
dlya bol'nykh kishechnymi infektsiyami (zav. K. V. Zolotova) Sokol'niche-  
skogo rayona Moskvy.

(DYSENTERY, RACILIARY,  
seq., intestinal funct.)

DOSPANOVA, Khivaz; ZOLOTOVA, L., red.; VAL'CHUK, P., telkm. red.

[Under Raskova's command; reminiscences of an Air Force pilot]

Pod komandovaniem Raskovoi; vospominaniye voennogo letchika.

Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 82 p.

(MIRA 14:7)

(World War, 1939-1945—Aerial operations) (Women in aeronautics)

IEVDOKIMOV, I.I.; ALEKSHYEV, V.D.; ASHIKHEMIN, A.K.; BAEV, N.V.; BEGLAR'YAN, P.A.; BYCHKOV, I.A.; VESLOVA, Ye.T.; VYZHEKHOVSKAYA, M.F.; GURETSKIY, S.A.; DEMIDOV, I.M.; YESIPOV, Ye.P.; ZHUKOV, V.D.; ZHLINEVSKIY, M.G.; ZOL'NIKOV, F.T.; ZOLOTOVA, L.I.; KIVIN, A.N.; KOMAROVITSKIY, Yu.A.; KONSTANTINOV, A.N.; KUL'CHITSKAYA, A.K.; MAKSIMENKO, I.I.; MELENT'YEV, A.A.; MOROZOV, I.G.; MURZINOV, M.I.; OZEMBLOVSKIY, Ch.S.; OSTRYAKOV, K.I.; PANINA, A.A.; PAVLOVSKIY, V.V.; PERMINOV, A.S.; PERSHIN, B.F.; PRONIN, S.F.; PSHENNYY, A.I.; POKROVSKIY, M.I.; RASPODOLAREV, Ye.A.; SEMIN, I.N.; SKLYAROV, Yu.N.; TIBABSHIN, A.I.; MARBEROV, Ya.D.; FEDOROV, G.P.; SHUL'GIN, Ya.S.; YAKIMOV, I.A.; VSRINA, G.P., tekhn. red.

[Labor feats of railway workers; stories about the innovators]  
Trudovye podvigi zheleznyodorozhnikov; rasskazy o novatorakh. Moskva,  
Gos.transp.zhel-dor.izd-vo, 1959. 267 p. (MIRA 12:9)  
(Railroads) (Socialist competition)

GUSEVA, T.F.; VOL'FSO, N.I.; ZOLOTOVA, L.V.

Effect of 4-oxo-6-imino-2,1-pyrimidine-3-thiadiazole and its combination with some other antitumorous preparations on the growth of Ehrlich's tumor. Trudy Len.khim.-farm.inst. no.13:142-149 '62.  
(MIRA 15:10)

1. Kafedra anatomii i fiziolozii Leningradskogo khimiko-farmatsevticheskogo instituta (zav. dotsent A.V.Loginov) i laboratoriya eksperimental'noy onkologii Instituta onkologii AMN SSSR (zav. prof. L.M.Shabad).

(THIADIAZOLE) (TUMORS) (CYTOTOXIC DRUGS)

—**ZOLOTOVA, L.V.** (Leningrad, D-36, ul. Vosstaniya, d.10, kv.20); (KUSEVA, T.F. (Leningrad, L-5, Izmaylovskiy pr., d.11, kv.45)

Inhibiting effect of certain substances related to purine on the growth of Ehrlich tumor. Vop.onk. 5 no.91362-364 '59. (MIRA 12:12)

1. Iz kafedry farmatsevticheskoy khimii (zav. - prof. A.M. Khaletskiy), kafedry anatomi i fiziologii (zav. - dots. A.V. Loginov) Leningradskogo khimiko-farmatsevticheskogo instituta (dir. - dots. A.G. Yegorov), laboratori eksperimental'noy onkologii (zav. - chlen-korrespondent AMN SSSR prof. L.M. Shabad) Instituta onkologii AMN SSSR (dir. - deystvit'nyy chlen AMN SSSR prof. A.I. Serebrov).

(PURINES pharmacol)

(NEOPLASMS exper.)

(AMIDINES pharmacol)

ARBUZOV, B.A.; ZOLOTOVA, M.V.

Esters of  $\alpha$ -ketoaminophosphinic acids. Izv. Akad. SSSR. Ser. khim. no.10:1793-1797 0 '64. (MIRA 17:12)

1. Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina.

AGLOTTOVA, N. N., DOCENT

Cysts

"Case histories of follicular cysts." Stomatologija no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress October, 1952. UNCLASSIFIED.

ZOLOTOVA, N.M., dotsent

Scientific report session of Sochi Institute of Health Resorts.  
Vop. kur., fizioter. i lech. fiz. kul't. 26 no.6:565-567 N-D '61.  
(MIRA 15:1)

1. Uchenyy sekretar' Sochinskogo instituta kurortologii.  
(SOCHI--HEALTH RESORTS, WATERING PLACES, ETC.)

KARPUKHIN, O.N.; SHLYAPINTOKH, V.Ya.; ZOLOTOVA, N.V.; KOZLOVA, Z.G.; RUSINA, I.F.

Mechanism of the weakening of chemiluminescence by inhibitors of free radical reactions. Zhur.fiz.khim. 37 no.7:1636-1638 J1 '63.  
(MIRA 17:2)

1. Institut khimicheskoy fiziki AN SSSR.

"APPROVED FOR RELEASE: 03/15/2001

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APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065410019-3"

KARPUKHIN, O.N.; SHLYAPINTOKH, V.Ya.; ZOLOTOVA, N.V.

Chemiluminescence in the reactions of inhibited oxidation and the activity of inhibitors. Report No.1: Theory of chemiluminescent methods for determining the activity of inhibitors. Izv. AN SSSR Ser.khim. no.10:1718-1721 O '63.

Chemiluminescence in the reactions of inhibited oxidation and the activity of inhibitors. Report No.2: Measurement of the activity of inhibitors by the chemiluminescent methods. 1722-1727  
(MTRA 17:9)

1. Institut khimicheskoy fiziki AN SSSR.

KARPUKHIN, O.N.; SHLYAPINTOKH, V.Ya.; RUSINA, I.F.; ZOLOTOVA, N.V.

Chemiluminescent method for determining the inhibitors of free  
radical reactions. Zhur.anal.khim. 18 no.8:1021-1025 Ag '63.  
(MIRA 16:12)

1. Institute of Chemical Physics, Academy of Sciences, U.S.S.R.,  
Moscow.

ZOLOTOVA, N. Ya., Cand Med Sci -- (diss) "Problem of the diagnostics and treatment of chronic tonsilitis." Gor'kiy, 1960. 10 pp; (Gor'kiy State Medical Inst im S. M. Kirov); 300 copies; price not given; (KL, 25-60, 138)

ZOLOTOVA, N. Ya.

Monocytic system in chronic tonsillitis. Vest. otorin. 21 no.2:58-  
62 Mr-An '59. (MIRA 12:4)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - doktor med. nauk,  
prof. A.A. Atkarskaya) Gor'kovskogo meditsinskogo instituta.  
(TONSILLITIS, blood in,  
monocytes (Rus))  
(LEUKOCYTES,  
monocytes in tonsillitis (Rus))

S/191/62/000/003/002/010  
B101/B147

AUTHORS: Rastanin, I. V., Kupriyanov, N. V., Chirimmanov, P. A.,  
Zolotova, O. P., Gracheva, T. A.

TITLE: Production of indene cumarone resins from products of  
petroleum pyrolysis

PERIODICAL: Plasticheskiye massy, no. 3, 1962, 3-5

TEXT: On suggestion of the Gosstroy (Gosstroy USSR), research was carried out in 1959-60 for production of indene cumarone resins (ICR) from petroleum by the Vostochnyy uglekhimicheskiy institut (Eastern Institute of Coal Chemistry), Sverdlovsk, the zavod "Neftegaz" ("Neftegaz" Plant) Gor'kiy, and the Institut neftekhimicheskikh protsessov AN AzerbSSR (Institute of Petrochemical Processes AS Azerbaydzhanskaya SSR), Baku. The present paper gives results obtained by the "Neftegaz" Plant. Light oil from petroleum pyrolysis was found to be the best initial material. Other products such as distillation residues yielded ICR of too dark coloring (222-636 of the iodimetric scale).  $AlCl_3$  proved to be better than 91%  $H_2SO_4$ . It produced brighter ICR with a higher softening point ( $\sim 120^\circ C$ ) and higher yields

Card 1/2

Production of indene cumarone ...

S/191/62/000/003/002/010  
B101/B147

(32-36%). From the light oil fraction (boiling range 166-212°C), the fractions 160-180°C and 160-200°C gave the best yields (35.8 and 39.9%, respectively) with softening points at 112.5 and 111°C, and bright coloring (35 and 35.4 of the iodimetric scale). Optimum polymerization occurred between 40 and 60°C. The process takes place in four stages: (1) Removal of phenols by alkali; (2) dehydration by  $H_2SO_4$ ; (3) polymerization, neutralization, and washing; (4) distilling-off of the solvent with vapor. Asbestos resin plates, resilience 29.5-42.4 kg·cm/cm<sup>2</sup>, hardness 3.04-3.62 kg/mm<sup>2</sup>, water adsorption 0.55-0.89%, were produced from ICR with softening point 105-110°C by the Kiyevskiy zavod "Stroyindustriya" (Kiyev "Stroyindustriya" Plant). The plates meet the requirements of BTU (VTU). A floor covered with such plates is being under observation now. ICR produced from petroleum is 60% cheaper than ICR from raw materials of the coal-tar chemical industry. Even with the present price for ICR, the floor with ICR plates is 40% cheaper than boarded floor, and 70% cheaper than inlaid floor (data found by the Institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (Institute of New Building Materials of the Academy of Construction and Architecture USSR)). There are 1 figure and 3 tables.

Card 2/2

8/081/62/000/022/062/088  
B166/X144

AUTHORS: Kupriyanov, N. V., Chirimanov, P. A., Zolotova, O. P.,  
Gracheva, T. A.

TITLE: Production of coumarone-indene resins from pyrolysis products

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 487, abstract  
22P75 (Novosti neft. i gaz. tekhn. Neftepererabotka i  
neftekhimiya, no. 9, 1961, 13-16)

TEXT: To produce coumarone-indene resins, light oil fractions ( $160+200^{\circ}\text{C}$   
and  $160-180^{\circ}\text{C}$ ) were polymerized in four stages (at  $20-60^{\circ}\text{C}$  with  $\text{AlCl}_3$  as  
a catalyst): dephenolization with a weak alkali solution, drying with  
sulfuric acid, polymerization followed by neutralization and washing  
of the polymerization product, and steam distillation of the solvent. The  
effects of initial products, catalysts ( $\text{H}_2\text{SO}_4$ ,  $\text{AlCl}_3$ ) and process  
temperature ( $0 - 60^{\circ}\text{C}$ ) on the yield and quality of the resin were studied.  
The article shows how these resins can be used in the production of

Card 1/2

Production of coumarone-indene resins ...

S/081/62/000/022/062/088  
B166/B144

asbestos resin tiles, and it also gives their physicomechanical properties.  
[Abstracter's note: Complete translation.]

Card 2/2

RASTANIN, I.V.; KUPIRIYANOV, N.V.; CHIRIMANOV, P.A.; ZOLOTOVA, O.P.;  
GRACHEVA, T.A.

Preparation of indene-coumarone resins from pyrolysis products  
of petroleum stock. Plast.massy no.3:3-5 '62. (MIRA 15:4)  
(Indene-coumarone resins)

CHIRIMANOV, P.A.; ZOLOTCOVA, O.P.; GRACHEVA, T.A.; RUSAK, L.A.

Removing pyrolytic light oil from unsaturated hydrocarbons.  
Neftper. i neftekhim. no.9:10-13 '63. (NTHA 17:8)

1. Gor'kovskiy zavod "Neftegaz".

ZOLOTOV, P.A., dots., red.; ZOLOTOVA, P.A., red.

[Problems in hygiene in eastern Transbaikalia; scientific and practical works] Voprosy gigienny v Vostochnom Zabeikal'e; sbornik nauchno-prakticheskikh rabot. Chita, Chitinskii, gos. med. in-t, 1962. 297 p. (MIRA 17:5)

MASHKOVICH, K.A.; SHEBALDINA, M.G.; ZOLOTCVA, T.N.

Buried tectonic faults in Devonian sediments in the Volga  
Valley portion of Saratov Province. Gaz.prom. 10 no.11;  
6-13 '65. (MIRA 19:1)

MALENT'YEV, I. P., kand. tekhn. nauk; ZOLOTOGVY, V. A., inzh.; SOPIN, L. A.

Field testing of rails. Trudy T3NII MPS no. 292-854-78. 165.

(MIRA 18:10)

APEL'TSIN, I.E.; ZOLOTOVA, Ye.F.; PEREMYSLOVA, Ye.S.

Laboratory investigation of methods for the removal of hydrogen sulfide from drainage waters. Issl.po vodopodg. no. 3:143-158 '59. (MIRA 12:9)  
(Water--Purification) (Hydrogen sulfide)

ZOLOTOVA, Ye.F., kand.tekhn.nauk

Operation of an industrial unit for the removal of flourine from  
drinking water. Vod. i san. tekhn. no.6:12-15 Je '62. (MIRA 15:7)  
(Water--Purification)  
(Flourine)

APEL'TSIN, I.E.; ZOLOTOVA, Ye.F.

Use of sparingly soluble metaphosphates in water treatment.  
Vod. i san.tekh. no.4:34-36 Ap '59. (MIRA 12:5)  
(Metaphosphates) (Waterpipes) (Corrosion and anticorrosives)

ZOLOTOVA, YE.F.

I-11

USSR/Chemical Technology - Chemical Products and Their  
Application. Water treatment. Sewage water.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12762

Author : Apel'tsin I.E., Zolotova Ye.F.  
Title : Use of Sodium Hexametaphosphate in the Technique of  
Water Treatment

Orig Pub : Sb. Issledovaniya po vodopodgotovke. M., Gos. izd-vo lit.  
po str-vu i arkhitekture, 1955, 93-115

Abstract : Considered is the use of  $(NaPO_3)_6$  (I) to control corrosion of steel pipes, prevention of the formation of carbonate deposits and separation of  $Fe(OH)_3$  from water containing  $Fe^{2+}$ , and also to remove carbonate and ferruginous deposits. Investigation of corrosion processes in the presence of I (carried out with the use of radio isotope  $Cu^{45}$ ) has shown that protective action of  $(NaPO_3)_6$  is due to the formation at the cathodic areas of difficultly soluble complexes of the type of  $Me_2[Me_2(PO_3)_6]_7$ , mostly of

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USSR/Chemical Technology - Chemical Products and Their  
Application. Water treatment. Sewage water.

I-11

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12762

$\text{Ca}_2/\text{Ca}_2(\text{PO}_3)_6$  7. Velocity of the water flow affects the protective action which increases rapidly at velocities  $> 0.4-0.5$  m/sec. At low velocities  $\text{I}$  can not be considered an effective corrosion inhibitor. Dosage of  $\text{I}$  is recommended to be determined on the basis of the ratio  $\text{C}(\text{NaPO}_3)_6 : \text{C}_{\text{Ca}^{2+}}$  3.5 On using  $\text{I}$  for the treatment of water of a recirculation cooling system, it is recommended to use as a basis the value of highest (permissible) alkalinity of the circulating water, for the computation of which is given the following empirical formula:  $\text{Alk}_G = 7 - 0.15 (\text{C}_{\text{Ca}^{2+}} : 20 - \text{Alk}_A)$ , wherein  $\text{Alk}_G$  is the highest alkalinity of circulating water, in mg-equivalent/liter;  $\text{Alk}_A$  --alkalinity of added water, in mg-equivalent/liter;  $\text{C}_{\text{Ca}^{2+}}$  -- concentration of  $\text{Ca}^{2+}$  in added water, in mg/liter. Investigation of the rate of dissolution of  $\text{Fe}(\text{OH})_3$ , retained by a sand filter, has shown that

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Application. Water Treatment. Sewage Water.

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Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12762

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removal of these deposits, of solutions of  $\text{I}$  having a concentration of 0.1-0.5%. Directions are given for the preparation and proportioning of the solutions.

Card 3/3

- 183 -

ZOLOTOVA, Ye.F.

Recommendations for planning and operating installations for the defluorination of drinking water by filtration. Trudy VODKED no. 3:3-21 '63.  
(MIRA 17:2)

ZOLOTOVA YE F

ZOLOTOVA, YE. F.

"Utilization of Sodium Hexametaphosphate in Water Processing." Min Construction of Enterprises of Metallurgic and Chemical Industry USSR, Technical Administration; All-Union Sci Res Inst of Water Supply, Sewerage, Hydrotechnical Installations, and Hydrogeological Engineering (VODGEO). Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: M-972, 20 Feb 56

Zolotova, Ye. V.

Specialnye stali i splavy (Special Steels and Alloys). Moscow, Metallurgizdat, 1961. 483 p. (Series: Issledovaniya. Sovetskii trudov. Vyp. 17.) Errois slip inserted. 4,000 copies printed.

Sponsoring Agency: Institut Kachestvennyy stely; Glavnyye upravlyeniye nauchno-issledovatel'skikh i proektirovaniykh organizatsiy.

Ed.: N.V. Fridantsev; Ed. of Publishing House: A. L. Guretskaya;

Tech. Ed.: V.V. Mil'nyakova.

PURPOSE: This book is intended for engineering and research personnel in the metallurgical and machine-building industries.

COVERAGE: This book contains papers on the physical properties of special industrial steels and alloys. Individual papers treat the problem of flame formation in steels and preventive measures; the effect of alloying additions and heat treatment on the structure and properties of steel; steel corrosion and preventive measures; and the properties of chromium-nickel alloys. There are 120 references. 87 Soviet, 22 English, 9 German, and 2 French.

Fridantsev, M.V. [Professor, Doctor of Technical Sciences] and N.A. Lanskaya [Candidate of Technical Sciences]. The Effect of Carbon on Heat-Resisting Properties of Low-Alloy Boiler Steels 83

Fridantsev, M.V. and N.A. Lanskaya. New Steel Without Molybdenum for Greeting Plants 85

Lyubushin, G.I. and G.A. Tsvetkovs [Candidates of Technical Sciences]. Effect of Nickel on the Properties of Constructional Steels 29

Lvovich, G.L. and G.A. Tsvetkovs. New Types of Constructional Steels 103

Traner, A.G. [Candidate of Technical Sciences]. The Study of High-Spoud Cobalt Steel 107

Portenko, A.G. [Engineer]. Properties of Cold Transformer Grade Electrical Sheets 153

Nefedov, A.A. [Engineer]. Cold Rolled Dynamic Grade Electrical Sheets 154

Babich, A.A. [Candidate of Technical Sciences], and T.M. Zhdan. Effect of Increasing the Plasticity of Steel Sheets 163

Polyakov, A.A. and D.G. Tsvetkovs [Engineers]. Fitting Corporation of Construction Steels 175

Polyakov, A.A. and Yu.P. Kavets. Stabilizing Penalties and Its Effect on Corrosion Resistance of Low-Carbon Steel 223

Polyakov, A.A., D.G. Tsvetkovs, and A.N. Subbin [Engineers]. Semiconductor Corrosion of Steels 250

Polyakov, N.P. [Inventor]. Ductile Austenitic High-Strength Steels 247

Shchegolev, M.P. [Engineer]. On the Formation of Structure-Phase-Transformation-Induced Internal Intermetallics in Copper-Steel Alloys 255

Polyakov, A.A. and D.G. Tsvetkovs. Semiconductor Corrosion of Steels 314

Bogolyubov, A.A. and N.P. Polyakov [Engineers]. Formation of Internal Intermetallics in Copper-Steel Alloys 321

Orlov, V.N. [Candidate of Technical Sciences]. Properties and Characteristics of Steel with Nickel Alloyed with Nickel and Cobalt 327

Orlov, V.N., R.Ye. and A.V. Sviridina [Engineers]. Effect of Nickel and Cobalt on Service Life of Constructional Steel 331

Reznikov, A.V. [Engineer]. Effect of Silicon and Manganese on the Properties and Strength of Nickel-Cobalt-Resistant Alloys 347

Fridantsev, M.V. and A.V. Matlin. Characteristics of Nickel-Alloyed Steel 352

El'chikov, B.N. and A.V. Matlin. Characteristics of Nickel-Alloyed Steel 353

Fridantsev, M.V. and G.A. Tsvetkovs. Characteristics of Nickel-Alloyed Steel 354

Shchegolev, M.P. and G.A. Tsvetkovs. Characteristics of Nickel-Alloyed Steel 355

Chernysh, N. [Candidate of Technical Sciences]. Effect of Nickel on the Properties of Steel 356

Zolotova, Z.G.

BUDYKHO, P.K.; Zolotova, Z.G. (g. Ul'yanovsk)

Demonstrating the density of carbon dioxide. Khim. v shkole  
13 no.1:53-54 Ja-F '58. (MIRA 10:12)  
(Carbon dioxide)

VARFOLOMEYeva, Ye.K.; ZOLOTOVA, Z.G. (g.Ul'yanovsk)

Experimental preparation of methane from salts of organic acids. Khim. v shkole 14 no.2:78 Mr-Ap '59. (MIRA 12:4)  
(Methane)

VARPOLOMEEVA, Ye.K.; ZOLOTOVA, Z.G.; YEGOROVA, O.N.; ANTONOVA, N.K.,  
(g.Ul'yanovsk).

Growing crystals from solutions. Khim. v shkole 11 no.1:58-62  
Ja-F '56. (Crystallography) (MIRA 9:2)

ACC NR: AP7010687

SOURCE CODE: UR/0362/66/002/012/1311/1315

AUTHOR: Shifrin, K. S.; Zolotova, Zh. K.

ORG: Main Geophysical Observatory (Glavnaya geofizicheskaya observatoriya);  
Leningrad Hydrometeorological Institute (Leningradskiy gidrometeorologicheskiy  
institut)

TITLE: Kinetics of evaporation of a drop in the radiation field

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 12,  
1966, 1311-1315

TOPIC TAGS: evaporation, thermal radiation, cloud physics

SUB CODE: 20

ABSTRACT: In an investigation of the processes of evolution of the cloud  
cover under the influence of solar radiation, the transformation of the  
cloud cover with allowance for radiative exchange between a cloud, the  
atmosphere and the earth, the formation and dissipation of ground fogs  
and for some other problems it is of considerable importance to analyze  
the kinetics of evaporation of a drop in the radiation field. The paper  
cited below is a study of a quasi-stationary approximation in which there  
is an equilibrium between the quantity of heat absorbed by a drop from the

UDC: 551.57:551.526

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ACC NR: AP7010687

radiation field and the quantity of heat which a drop releases into surrounding space by the heat conductivity of evaporation and thermal radiation. The authors present formulas and curves which make it possible to compute the kinetics of evaporation of any drop with an initial radius from 1 mm to 1  $\mu\text{m}$ . As an example of the use of the curves, the authors show the change of the drop spectrum of a polydisperse cloud in the field of solar radiation. At the initial time the drops were distributed in conformity to the law  $\Lambda a^2 e^{-\beta a}$  with a mode equal to 5  $\mu\text{m}$ . Since the large drops evaporate more rapidly than the small drops, the spectrum narrows with time and the distribution is deformed. A half-hour after the onset of the process the modal radius will be about 1.5  $\mu\text{m}$  (3  $\mu\text{m}$ ), the liquid water content decreases by 4.4 times (2.5 times), and after an hour the distribution becomes amodal (mode of about 1  $\mu\text{m}$ ), the liquid water content will be 20 times (10 times) less. Orig. art. has: 5 figures and 12 formulas.

JPRS: 40,291

Card 2/2

ZOLOTOVA-KOSTOMAROVA, M.I., prof.; BORZOV, V.A.

Correlation between blood chlorides and sodium in the blood plasma in acute myocardial infarct. Vrach.delo no.12:16-18 (MIRA 15:12)  
D '62.

1. Kafedra fakul'tetskoy terapii (zav. - prof. M.I. Zolotova-Kostomarova) pediatriceskogo fakul'teta 2-go Moskovskogo meditsinskogo instituta. (HEART--INFARCTION) (CHLORIDES IN THE BODY) (SODIUM IN THE BODY)

ZOLOTOWA-KOSTOMAROVA, M.I., prof.; ALTUNYAYN, M.P.

Renal blood circulation and the filtration-reabsorption capacity  
of the kidneys in patients with chronic coronary insufficiency.  
Terap.arkh. 31 no.4:38-45 Ap '59. (MIRA 14:5)

I. Iz kafedry fakul'teteskoy terapii (zav. - prof. M.I.Zol'tova-  
Kostomarova) pediatricheskogo fakul'teta II Moskovskogo medit-  
sinskogo instituta imeni N.I.Pirogova.  
(KIDNEYS) (CORONARY HEART DISEASE)

ZOLOTOVA-KOSTOMAROVA, M.I., prof.

Hemodynamic disorders of the kidneys in patients with myocardial infarct based on stenosing diffuse coronary atherosclerosis.  
Sov. med. 24 no. 2:37-45 F '60. (MIRA 14:2)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. M.I. Zolotova-Kostomarova) pediatriceskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.  
(CORONARY HEART DISEASES) (KIDNEYS—DISEASES)

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CIA-RDP86-00513R002065410019-3

ZOLOTOTOVA-KOSTOMAROVA, M.I., professor; CHEZNOGOROV, L.M., professor; KURSHAKOV, N.A., professor.

Clinico-anatomical parallels in myocardial infarction. *Terap.arkh.*, 25 no. 2:86-87 Mr-Ap '53.  
(MLRA 6:5)  
(Heart--Infarction)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065410019-3"

ZOLOTOVA-KOSTOMAROVA, M.I., professor; KAYGORODOVA, R.Ye., kandidat  
meditsinskikh nauk

Clinical aspects of thromboembolism. Terap.arkh.27 no.5:30-36  
'55. (MLR 8:12)  
1. Iz kafedry fakul'tetskoy terapii (zav.prov. M.I.Zolotova-  
Kostomarova) pediatriceskogo fakul'teta II Moskovskogo  
meditsinskogo instituta imeni I.V.Stalina.  
(THROMBOEMBOLISM,  
clin.aspects)

~~ZOLOTOVA, N.M., dotsent; BELICHENKO, A.V., professor, zaveduyushchiy; BRUMBERG, A.S., professor, zaveduyushchiy; OSTROVERKHOV, G.Ye., professor, direktor.~~

Lip cancer. Stomatologija no.3:36-39 '53.

(MLA 6:7)

1. Gospital'naya khirurgicheskaya klinika Kurskogo meditsinskogo instituta (for Zolotova and Belichenko). 2. Kaf'edra patologicheskoy anatomi Kurskogo meditsinskogo instituta (for Brumberg and Zolotova). 3. Kurskiy meditsinskiy institut (for Ostroverkhov). (Lips--Cancer)

ZOLOTOVA, N.M.

Effect of bromine preparations upon the development and course  
of osteomyelitis of the jaws. Stomatologija no.1:28-31 Ja-F '54.  
(MLRA 7:1)

1. Iz kliniki gospital'noy khirurgii (soveduyushchiy - professor  
V.S.Mayat) II Moskovskogo meditsinskogo instituta im. I.V.Stalina  
(direktor - dotsent S.I.Milovidov).  
(Osteomyelitis) (Jaws--Diseases) (Bromine)

ZOLOTOVA-KOSTOMAROVA, M. I., prof.; NOZDRYUKHINA, L. R., kand. med. nauk

Variations in serum iron in patients with acute myocardial infarction. Terap. arkh. no.12:42-51 '61. (MIRA 15:2)

1. Iz kafedry fakul'tetskoy terapii pediatricheskogo fakul'teta  
(zav. - prof. M. I. Zolotova-Kostomarova) II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(HEART-INFARCTION) (IRON IN THE BODY)

ZOLOTOVA-KOSTOMAROVA, M. I.  
ZOLOTOVA-KOSTOMAROVA, M. I., prof. (Moskva)

"Nephritis and nephrosis" by M.S.Vovsi, G.F.Blagman. Reviewed by  
M.I.Zolotova-Kostomarova. Terap.arkh. 29 no.2:79-81 '57.  
(KIDNEYS--DISEASES) (MIRA 11:1)  
(VOVSI, M.S.) (BLAGMAN, G.F.)

ZOLOTOVA-KOSTOMAROVA, M.I.

Clinico-anatomical parallels in myocardial infarction. Ter. arkh.,  
Moskva 25 no.2:86-87 Mar-Apr 1953. (CIML 24:3)

1. Professor.

ZOLOTOVA-KOSTOMAROVA, M. I., prof.

Cerebral circulation disorder in myocardial infarction. Terap. arkh. 34 no.4:71-76 '62. (MIRA 15:6)

1. Iz kafedry fakul'tetskoy terapii. (zav. - prof. M. I. Zolotova-Kostomarova) pediatriceskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(HEART---INFARCTION)  
(CEREBROVASCULAR DISEASE)

ZOLOTOVA-KOSTOMAROVA, M.I., prof.; STEPANOV, N.G.

Blood gas composition in patients with acute myocardial infarct.  
Terap. arkh. 30 no.11:3-10 N '58. (MIRA 12:7)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. M.I. Zolotova-Kostomarova) pedagogicheskogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.  
(HEART--INFARCTION) (BLOOD--OXYGEN CONTENT)

PESIN, V.G.; ZOLOTOVA-ZOLOTUKHINA, L.V.; KHALETSKIY, A.M.

2,1,3,-Thiadiazoles and selenadiazole. Part 2: Synthesis and study of  
2-mercapto[3,4-e]thiazole and [4,5-e]benzo-2',1',3'-thiadiazoles.  
Zhur. ob. khim. 34 no.1:255-260 Ja '64. (MIRA 17:3)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

PESIN, V.G.; KHALETSKIY, A.M.; ZOLOTOVA-ZOLOTUKHINA, I.V.

Chemistry of 2,1,3-thio- and selendiazole. Part 12: Synthesis and  
study of derivatives of pyrimidine-2,1,3-thio and selendiazole.  
Zhur.ob.khim. 31 no.9:3000-3003 S '61. (MIRA 14:9)

1. Leningradskiy khimiko-farmatsevticheskiy institut.  
(Pyrimidine) (Selenium organic compounds)

PESIN, V.G.; KHALETSKIY, A.M.; ZOLOTOTOVA-ZOLOTURKINA, L.V.

Chemistry of 2,1,3-thio- and selenodiazoles. Part 19:  
Synthesis of 2-methylthiazolo (5,4-g)- and 2-methylthiazolo  
(4,5-g) benzo-2', 1',3'-thiodiazoles and their seleno analogs.  
Zhur. ob. khim. 33 no.4:1101-1104 Ap '63. (MIRA 16:1)

1. Leningradskiy khimiko-farmatsevticheskiy institut.  
(Thiazole) (Thiadiazole) (Selenium organic compounds)

ZOLOTOVERKH, A.

85-58-2-36/36

AUTHORS: Zolotoverkh, A.; Sportsman 1st Class; Anisimov, A.; Sportsman First Class; Kulakovskiy, I., Master of Sports; Shikunov, I.; and Krasnogolovyy, V.

TITLE: Appendix (Prilozheniye)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 2 (USSR)

ABSTRACT: This appendix consists of several short articles on model airplane building.

AVAILABLE: Library of Congress

Card 1/1

KOLYBIN, V.A. [Kolybin, V.O.]; ZOLOTOVERKHA, I.M. [Zolotoverkha, I.M.]

Diurnal rhythmicity of the sorption of vital stains by the intestinal tissues of silkworm caterpillars. Dop. Akad. Nauk UkrSSR no.12:1650-1655 '63.  
(MIRA 17:9)

1. Institut zoologii Akad. Nauk UkrSSR. Fredstavleno akademikom Akad. Nauk UkrSSR V.G. Kas'yanenko [Kas'yanenko, V.H.].

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L 15606-66  
APC MR: AP6008212

Source: DODGE - 5/1/2001 14:46:43.272, page 179

### THE FUNDAMENTAL THEOREM

It is the author's opinion that the best way to approach the problem of the relationship between the two is to start with the concept of the *multidimensional* individual.

and the  $\mathcal{O}(n^2)$  time complexity of the  $\text{SVD}$  algorithm is not a concern for this application.

Figure 2 illustrates the identification of the  $\alpha$ -helix. Similarly, we can use the same approach to

## ABSTRACT:

The study of leaf pigments in tobacco is of particular significance and of immediate practical interest, especially when it is considered that the pigments are the chief constituents of the tobacco leaf.

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of Tepoztlan, Puebla) that the station received a copy of the draft proposal document  
of the Mexican government to the United States to be used in the negotiations of the  
North American Free Trade Agreement.

SUB CODE: 06 / SUBM DATE: none / OP14 REV: 001 / VTH REV: 008  
REV 227 / 202

26  
Card 2/2

ZOLOTOVITCH, G. [Zolotovich, G.]; KOSSEVA, D. [Kosseva, D.]; DECHEVA, R.

Examining certain substances in sound and abscissing flower buds  
of Rosa damascena Mill. Deklady BAN 17 no.11:1059-1062 '64.

1. Experiment Station for Roses and Essential Oil Plants, Kazanluk.  
Submitted July 11, 1964.

ZOLOTOVITCH, G. [Zolotivich, G.]; SECENSKA, M. [Sechenska, M.];  
DECEVA, R. [Decheva, R.]

Changes in the saccharide composition and the ferment activity in  
the storage of rose pollen. Doklady BAN 17 no.3:295-298 '64.

1. Experiment Station for Odoriferous Plants, Kawanluk, Bulgaria.  
Vorgelegt von Akademiemitglied Chr. Daskalov [Daskalov, Khr.].

ZOLOTOVITCH, G.; HICKETHIER, R.

Application of gas chromatography in the rapid analysis of  
essential oils for selection purposes. Doklady BAI 16 no.6:  
661-664 '63.

1. Institut für Organische Chemie der Karl-Marx-Universität,  
Leipzig (DDR). Vorgelegt von Akademiemitglied Ch. Daskalov  
[Daskalov, Kh.].

ZOLOTOVITCH, G. [Zolotovich, G.]; SECENSKA, M. [Sechenksa, M.]

Chemical composition of the pollens of some essential-oil roses. Doklady BAN 16 no.1:105-108 '63.

1. Versuchsstation für ätherische Ölplanzen, Krasnaja [Kazanluk]. Vorgelegt von Akademienmitglied Ch. Daskalov [Daskalov, Ch.].

ZOLOTOVICH, G.

ZOLTOVICH, M.

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1. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

2. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

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13. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

14. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

15. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

16. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

17. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

18. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

19. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

20. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

21. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

22. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

23. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

24. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

25. ~~SECRET~~ ~~REF ID: A65410019~~ ~~SEARCHED~~ ~~INDEXED~~ ~~MAILED~~ ~~FILED~~ ~~100-10000~~

— 2/3 —

ZOLOTOVINA, S.V.

Lessons on the subject "Central European section of the U.S.S.R."  
using regional studies material in the seventh class. Geog.v  
shkole 18 no.5:36-41 S-0 '55. (MLEA 8:12)  
(Geography, Economic--Study and teaching)

AGAMIRZOYEV, R.A.; ZOLOTOVITSKAYA, T.A.

Radioactivity of the mud breccia of mud volcanoes. Baku, AN Azerb.  
SSR 21 no. 4:29-32 '65. (MTR4 1817)

1. Institute geologit. AN AzerSSR.

ABDULLAYEV, M.R.; AGAMIRZOYEV, R.A.; GUSEYNOV, A.M.; ZOLOTOVITSKAYA, T.A.

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